

Surangika Ranathunga

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7516388/surangika-ranathunga-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38

papers

126

citations

6

h-index

7

g-index

55

ext. papers

206

ext. citations

1

avg, IF

2.98

L-index

#	Paper	IF	Citations
38	IDENTIFYING EVENTS TAKING PLACE IN SECOND LIFE VIRTUAL ENVIRONMENTS. <i>Applied Artificial Intelligence</i> , 2012 , 26, 137-181	2.3	11
37	Indic language computing. <i>Communications of the ACM</i> , 2019 , 62, 70-75	2.5	9
36	Implicit Aspect Detection in Restaurant Reviews using Cooccurrence of Words 2016 ,		8
35	Integrating Expectation Monitoring into BDI Agents. <i>Lecture Notes in Computer Science</i> , 2012 , 74-91	0.9	8
34	Interfacing a Cognitive Agent Platform with Second Life. <i>Lecture Notes in Computer Science</i> , 2012 , 1-21	0.9	6
33	Improving Situation Awareness in Intelligent Virtual Agents. <i>Lecture Notes in Computer Science</i> , 2013 , 134-148	0.9	6
32	Neural machine translation for sinhala and tamil languages 2017 ,		5
31	Embedding Agents in Business Processes Using Enterprise Integration Patterns. <i>Lecture Notes in Computer Science</i> , 2013 , 97-116	0.9	5
30	Automatic Assessment of Student Answers Consisting of Venn and Euler Diagrams 2017 ,		4
29	Transfer Learning Based Free-Form Speech Command Classification for Low-Resource Languages 2019 ,		4
28	Automated assessment of multi-step answers for mathematical word problems 2016 ,		4
27	Computer Aided Evaluation of Multi-Step Answers to Algebra Questions 2016 ,		4
26	Unit Conflict Resolution for Automatic Math Word Problem Solving 2018 ,		3
25	Transliteration and Byte Pair Encoding to Improve Tamil to Sinhala Neural Machine Translation 2018 ,		3
24	Eatery 2017 ,		3
23	Question Answering system for the travel domain 2017 ,		3
22	Sentiment Analysis of Sinhala News Comments using Sentence-State LSTM Networks 2020 ,		3

21	Domain-Specific Term Extraction for Concept Identification in Ontology Construction 2016,		3
20	A Two-Phase Classifier for Automatic Answer Generation for Math Word Problems 2018,		3
19	Generative Adversarial Networks (GAN) based Anomaly Detection in Industrial Software Systems 2019,		2
18	Automatic Identification of Errors in Multi-step Answers to Algebra Questions 2017,		2
17	Clustering Sinhala News Articles Using Corpus-Based Similarity Measures 2018,		2
16	Integration of Bilingual Lists for Domain-Specific Statistical Machine Translation for Sinhala-Tamil 2018,		2
15	Handling Agent Perception in Heterogeneous Distributed Systems: A Policy-Based Approach. <i>Lecture Notes in Computer Science, 2015, 169-185</i>	0.9	2
14	VISIRI - Distributed Complex Event Processing System for Handling Large Number of Queries. <i>Lecture Notes in Computer Science, 2015, 230-245</i>	0.9	2
13	Si-Ta: Machine Translation of Sinhala and Tamil Official Documents 2018,		2
12	Evaluation of Different Classifiers for Sinhala POS Tagging 2018,		1
11	Short Tamil sentence similarity calculation using knowledge-based and corpus-based similarity measures 2017,		1
10	Anomaly detection in complex trading systems 2017,		1
9	Automatic creation of a word aligned Sinhala-Tamil parallel corpus 2017,		1
8	Assessment and Error Identification of Answers to Mathematical Word Problems 2017,		1
7	Two-Step Memory Networks for Deep Semantic Parsing of Geometry Word Problems. <i>Lecture Notes in Computer Science, 2020, 676-685</i>	0.9	1
6	Sentiment Analysis of Sinhala News Comments. <i>ACM Transactions on Asian and Low-Resource Language Information Processing, 2021, 20, 1-23</i>	1.1	1
5	Sinhala and Tamil Speech Intent Identification From English Phoneme Based ASR 2019,		1
4	Answer Generation for Set Type Math Word Problems 2018,		1

- 3 Mathematical Expression Extraction from Unstructured Plain Text. *Lecture Notes in Computer Science*, **2019**, 312-320 0.9
- 2 Named-Entity-Recognition (NER) for Tamil Language Using Margin-Infused Relaxed Algorithm (MIRA). *Lecture Notes in Computer Science*, **2018**, 465-476 0.9
- 1 Model Answer Generation for Word-Type Questions in Elementary Mathematics. *Lecture Notes in Computer Science*, **2019**, 17-28 0.9